International Application No

PCT/GB2004/002891 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K7/42 C08K3/22 C09D7/12 D06M11/44 C08K3/00 D06M11/46 G03C1/815 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K C08K C09D D06M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Χ WO 01/40114 A (KNOWLAND JOHN SEBASTIAN; 1-8, ISIS INNOVATION (GB); DOBSON PETER JAMES 10-33, (GB) 7 June 2001 (2001-06-07) 35-44 claims 11-8,14-20 examples Χ WO 99/60994 A (KNOWLAND JOHN SEBASTIAN; 1-33, ISIS INNOVATION (GB); DOBSON PETER JAMES (GB) 2 December 1999 (1999-12-02) 35-44 claims examples page 1, line 1 - line 7 page 3, line 19 - line 28 page 4, line 6 - page 5, line 20 page 7, line 2 - page 8, line 22

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| X Further documents are listed in the continuation of box C.  | Palent family members are listed in annex.   |
| <ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> </ul> | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention."  "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family |
| Date of the actual completion of the international search  10 December 2004   | Date of mailing of the international search report  1 3 DEC 2004   |
| Name and mailing address of the ISA  European Patent Office, P.B 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel (+31-70) 340-2040, Tx 31 651 epo nl,  Fax (+31-70) 340-3016  | Authorized officer  Neys, P  |

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| C.(Continua | tion) DOCUMENTS CONSIDERED TO BE RELEVANT  |  |
|-------------|--|--|
| Category °  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.                              |
| E           | WO 2004/058209 A (FLUTTER BARRY RICHARD; KNOWLAND JOHN SEBASTIAN (GB); PARK GEORGE BARR) 15 July 2004 (2004-07-15) the whole document                | 1-27,<br>37-44                                     |
| х           | US 5 441 726 A (MUHAMMED MAMOUN ET AL)<br>15 August 1995 (1995-08-15)  | 1-6,<br>11-24,<br>26-44                            |
|             | claims 1-8,12 examples column 5, line 54 - line 56 column 7, line 28 - line 50 column 8, line 56 - column 10, line 53                                |  |
| X           | EP 0 526 712 A (SHISEIDO CO LTD)<br>10 February 1993 (1993-02-10)  | 1,5-8,<br>10,11,<br>14-27,<br>35-38                |
|             | example 3 page 2, line 1 - line 33 page 3, line 26 - line 30 page 3, line 42 - page 5, line 22 tables 2-31 page 27, line 5 - line 20                 |  |
| х           | PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) & JP 2000 169339 A (POLA CHEM IND INC), 20 June 2000 (2000-06-20) abstract | 1,7,11,<br>15,22,<br>24,38                         |
| x           | US 6 436 374 B1 (HITZEL SABINE ET AL)<br>20 August 2002 (2002-08-20)   | 1,3,5-8,<br>11-24,<br>38-44                        |
|             | claims examples column 2, line 20 - line 42  | 30 44  |
| X           | US 5 736 308 A (HAGEMANN JOERG ET AL)<br>7 April 1998 (1998-04-07)   | 1,3,5-8,<br>10-13,<br>26,27,<br>29,33,<br>34,37,38 |
|             | claims examples 3,4 column 1, line 4 - line 67   |  |
|             | -/   |  |
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|             |  |  |

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|            | ation) DOCUMENTS CONSIDERED TO BE RELEVANT  |   |
|------------|---|---|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.                                   |
| X          | US 2001/039308 A1 (SIMONOT LAURE ET AL)<br>8 November 2001 (2001-11-08)   | 1-3,5-8,<br>12,13,<br>26-28,<br>30,32,<br>37,38,44      |
|            | claims examples 1,4,5 page 1, paragraph 9 - paragraph 10 page 5, paragraph 87 page 6, paragraph 102 - paragraph 105 page 8, paragraph 132 - paragraph 134 |   |
| X          | US 3 293 037 A (CHOPOORIAN JOHN A)<br>20 December 1966 (1966-12-20)   | 1-5,8,<br>11,<br>17-20,<br>26-33,<br>35,37,38           |
|            | claims examples 1-11,21,22 column 8, line 1 - line 5 column 9, line 27 - line 45  |   |
| X          | US 3 317 321 A (CHOPOORIAN JOHN A)<br>2 May 1967 (1967-05-02)   | 1-5,8,<br>11,<br>17-20,<br>26-29,<br>31-33,<br>35,37,38 |
|            | claims<br>examples 1,2,4,6-14,24,25<br>column 4, line 17 - line 33<br>column 8, line 20 - line 40   |   |
| P,X        | WO 03/083008 A (KAITO CHIHIRO; KIRIN<br>BREWERY (JP); ISI CORP (JP); SHIRAKURA<br>AKIRA (JP) 9 October 2003 (2003-10-09)                                  | 1,2,5-8,<br>11-13,<br>26,27,<br>32,33,<br>38,44         |
|            | abstract<br>  |   |
|            |   |   |
|            |   |   |
|            |   |   |

International Application No
PCT/GB2004/002891

| Patent document cited in search report |    | Publication date |  | Patent family member(s)   |                                       | Publication date   |
|--|----|------------------|--|---|---------------------------------------|--|
| WO 0140114                             | A  | 07-06-2001       | MX   | 1539601<br>0016090<br>1433382<br>1233930<br>0140114<br>2003515518<br>PA02005395<br>2003138386<br>200204358  | A<br>T<br>Al<br>Al<br>T<br>A          | 12-06-2001<br>29-10-2002<br>30-07-2003<br>28-08-2002<br>07-06-2001<br>07-05-2003<br>12-02-2003<br>24-07-2003               |
| WO 9960994                             | Α  | 02-12-1999       | AU<br>AU<br>EP<br>WO<br>JP                               | 765456<br>4273299<br>1079796<br>9960994<br>2002516347   | A<br>A1<br>A1                         | 18-09-2003<br>13-12-1999<br>07-03-2001<br>02-12-1999<br>04-06-2002   |
| WO 2004058209                          | A  | 15-07-2004       | WO   | 2004058209  | A2                                    | 15-07-2004   |
| US 5441726                             | A  | 15-08-1995       | AU<br>DE<br>DE<br>EP<br>WO                               | 6664594<br>69432871<br>69432871<br>0786982<br>9424998   | D1<br>T2<br>A1                        | 21-11-1994<br>31-07-2003<br>19-05-2004<br>06-08-1997<br>10-11-1994   |
| EP 0526712                             | Α  | 10-02-1993       | JP<br>JP<br>AU<br>CA<br>DE<br>DE<br>EP<br>ES<br>KR<br>US | 3053667<br>4364117<br>1811992<br>2070749<br>69232454<br>69232454<br>0526712<br>2173078<br>209815<br>5762915 | A<br>A1<br>D1<br>T2<br>A1<br>T3<br>B1 | 19-06-2000<br>16-12-1993<br>23-12-1993<br>11-12-1993<br>11-04-2003<br>07-11-2003<br>10-02-1993<br>16-10-2003<br>15-07-1993 |
| JP 2000169339                          | Α  | 20-06-2000       | NONE   |   |                                       |  |
| US 6436374                             | B1 | 20-08-2002       | DE<br>DE<br>WO<br>EP<br>ES<br>JP                         | 19750030<br>59806654<br>9924000<br>1030649<br>2187072<br>2001522785   | D1<br>A2<br>A2<br>T3                  | 20-05-1999<br>23-01-2003<br>20-05-1999<br>30-08-2003<br>16-05-2003<br>20-11-2003   |
| US 5736308                             | Α  | 07-04-1998       | DE   | 19613992  | A1                                    | 16-10-199  |
| US 2001039308                          | A1 | 08-11-2001       | AU<br>BR<br>CA<br>DE<br>DE<br>DE<br>EP<br>JP<br>CN<br>WO | 5070500<br>0006166<br>2338160<br>60004318<br>60004318<br>1114092<br>2003501504<br>1145665<br>0073373        | A<br>A1<br>D1<br>T2<br>A1<br>T        | 18-12-200<br>17-04-200<br>07-12-200<br>11-09-200<br>03-06-200<br>11-07-200<br>14-01-200<br>14-04-200                       |
| US 3293037                             | Α  | 20-12-1966       | NONE   |   |                                       |  |

International Application No
PCT/GB2004/002891

| Patent document cited in search report |   | Publication date | _    | Patent family member(s) | Publication<br>date |  |
|--|---|------------------|------|-------------------------|---------------------|--|
| US 3317321                             | Α | 02-05-1967       | NONE |                         |                     |  |
| WO 03083008                            | Α | 09-10-2003       | WO   | 03083008 A1             | 09-10-2003          |  |